V&V Summary Report
L2 ASCDS Version : 8.4.4

Observation 10659 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 29 2012

See axaff10659N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.137

Comments

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Zeroth order piled up. Standard data processing software did not
correctly locate the zeroth order due to pileup. Manual intervention was
used to input the correct sky coordinates (x=4126.45, y=4108.74) into
the *src1a.fits file table. These corrected coordinates were determined
using a software tool developed by CXC called findzero, which is
expected to be released in CIAO (currently in ISIS). The tool calculates
the point of intersection of the readout streak and the meg arm. The
zeroth order source position determined by the standard pipeline
processing using the tool tgdetect was not used in this processing. The
newly determined zeroth order coordinates have been placed in the
*src1a.fits file, replacing the coordinates determined by tgdetect. Note
that these corrected coordinates of the zeroth order cannot be
reproduced by running tgdetect on the data.
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seq_num	790196		Sequence number
obs_id	10659		Observation id
title	AO-10 Calibration Observations of 4U 1957+11		Proposal title
observer	Dr. CXC Calibration		Principal investigator
object	4U 1957+11		Source name
dtycycle	0		&#160
cycle	P		events from which exps? Prim/Second/Both
ra_targ	299.849583		Observer's specified target RA [deg]
dec_targ	11.708333		Observer's specified target Dec [deg]
ra_nom	299.85422098575		Nominal RA [deg]
dec_nom	11.70661624767		Nominal Dec [deg]
roll_nom	308.12022542224		Nominal Roll [deg]
revision	3		Processing version of data
ontime	10137.0		Sum of GTIs [s]
livetime	9867.0378445725		Livetime [s]
ontime4	10137.0		Sum of GTIs [s]
ontime5	10137.0		Sum of GTIs [s]
ontime6	10137.0		Sum of GTIs [s]
ontime7	10137.0		Sum of GTIs [s]
ontime8	10137.0		Sum of GTIs [s]
ontime9	10137.0		Sum of GTIs [s]
l2events	414838		Number of level 2 events